

**AMENDMENTS TO THE SPECIFICATION:**

Please substitute the following amended paragraph for the pending paragraph beginning on page 1, line 31.

The conventional analysis is manually performed. In the conventional method, the quality analysis is performed by the manufacturer at a manufacturing stage or by technical representative in the field. The conventional manual analysis ~~trends~~ tends to cause errors in the analysis and cannot ensure accurate data for parameters of process units.

Please substitute the following amended paragraph for the pending paragraph beginning on page 7, line 21.

Printed image data is input from a second scanner 107 and stored in the feedback memory element 207. The processor 201 compares the original image and the printed image on a pixel by pixel basis. Methods for determining pixel locations of the printed image are described below in more detail. If the resolution of the original image data is equal to that of the printed image data, the data in the ~~input-feedback~~ memory element ~~204-207~~ may directly be compared with the data in the input memory element 203. If the resolutions are different, either the data in the ~~in-the-feedback~~ memory element 207 or the data in the input memory element 203 may be interpolated to generate data with same resolution as the other data.

Please substitute the following amended paragraph for the pending paragraph beginning on page 7, line 31.

In addition, if the original image is reproduced by a same size, the data in the ~~input-feedback~~ memory element ~~204-207~~ may directly be compared with the data in the input memory element 203. If the original image is enlarged to a larger size or reduced to a smaller size, the data in the feedback memory element 207 may be processed so that the printed image has a same size as the original image. Those of skill in the ~~are-art~~ will appreciate that the techniques for enlarging or reducing the original image data may be adopted to reduce or enlarge the printed image data.